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Commissioner for Patents  
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Alexandria, VA 22313-1450, on March 11, 2004.

*Jean Faikle*

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

MARK P. GOLDENFIELD et al.

Serial No. 10/657,025

Filed: September 5, 2003

Atty Docket: ARF 2002-014

: Examiner: H.E. Behrend

: Art Unit: 3641

: Entitled:

: NUCLEAR REACTOR  
: FUEL ASSEMBLIES

**March 11, 2004**

**Eckert Seamans Cherin & Mellott  
600 Grant Street - 44<sup>th</sup> Floor  
Pittsburgh, PA 15219**

**Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**

**RESPONSE TO ELECTION REQUIREMENT**

The Office Action dated March 2, 2004 required an election between two species:

Group I The embodiment wherein only the main support grids can have mixing vanes; and  
Group II The embodiment wherein at least some of the main support grids have mixing vanes  
and some of the auxiliary grids have mixing vanes. Applicants elect Group II comprising  
Claims 1-10, 13 and 14. Only Claims 11 and 12 have the requirement that the auxiliary grids  
do not have mixing vanes. Accordingly, it is respectfully requested that prosecution move  
forward on Claims 1-10, 13 and 14.

Respectfully submitted,

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